

## FIGURE 222

MKTIQPKMHNSISWAIFTGLAALCLFQGVFVRSGDATFFKAMDNVTVRQGESATLRCTIDNR  
VTRVAWLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDDVYDEGPYTCSVQTDNHPK  
TSRVHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYL  
EIQGITREQSGDYECSASNDVAAPVVRVKVTVNYPPISEAKGTGVPVGQKGTLQCEASAV  
PSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIML  
FGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLF

**Signal peptide:**

amino acids 1-28

09978295.101501

## FIGURE 223

GAAAAAAATCATGAAAACCATCCAGCCAAAAATGCACAATTCTATCTCTTGGGCAATCTTC  
ACGGGGCTGGCTGCTCTGTGTCTCTTCCAAGGAGTGCCCGTGCGCAGCGGAGATGCCACCTT  
CCCCAAAGCTATGGACAACGTGACGGTCCGGCAGGGGGAGAGCGCCACCCCTCAGGTGCACTA  
TTGACAACCGGGTCACCCGGGTGGCCTGGCTAAACCGCAGCACCATCCTCTATGCTGGGAAT  
GACAAGTGGTGCCTGGATCCTCGCGTGGTCCTTCTGAGCAACACCCAAACGCAGTACAGCAT  
CGAGATCCAGAACGTGGATGTGTATGACGAGGGCCCTTACACCTGCTCGGTGCAGACAGACA  
ACCACCCAAAGACCTCTAGGGTCCACCTCATTTGTGCAAGTATCTCCAAAATTGTAGAGATT  
TCTTCAGATATCTCCATTAATGAAGGGAACAATATTAGCCTCACCTGCATAGCAACTGGTAG  
ACCAGAG

09375235-101504

# FIGURE 224

ATGGCTGGTGACGGCGGGGCCGGGCAGGGGACCGGGGCCGGGCCCGGGAGCGGGCCAGCTGCCGGGAGCCCTGA  
ATCACCGCTGGGCCGACTCCACCATGAAAGCTCGCGCTGCAGGAGCTGGGAGCTGGCAGCAAAGTGGGATTCAG  
AAGGGGACAAAGACAGCTGTTAGGCTCAACGACGAGCTGGAGCTGGATCTTAGCAGGTGCTCTCTACTGCTGGCT  
GCAGTCTGTTCTGGGCTGCCTTGTGGCCCTAGGGGTCCAGTACACAGAGAGCCATCCACAGCACCTGCTTACA  
GAGGCTGCACTCGAGTGGCTGGAAAAATCCTGGAGTCCCTGGACCGAGGGGTGAGCCCTGTGAGGACTTTTAC  
CAGTTCTCCTGTGGGGGTGGATTCTGGAGGAACCCCTGCCCGATGGGCGTCTCGCTGGAAACCTTCAACAGC  
CTCTGGGACAAAAACAGGCCATCTAGAGCACTGCTTGAAGAACACCACTTCAACTCCAGCAGTGAAGCTGAG  
CAGAAGACACAGCGCTTCTACCTATCTTGCCTACAGGTGGAGGCGCATTGAGGAGCTGGGAGCCAGCCACTGAG  
GACCTCATTGAGAAGATTGGTGGTTGGAACATTACGGGGCCCTGGGACCAAGCAACTTATGGAGGTGTTGAAG  
GCAGTAGCAGGGACCTACAGGGCCACCCCATTTCTCACCGTCTACATCAGTCCGACTCTAAGAGTTTCCAACAGC  
AATGTTATCCAGGTGGACCAAGCTCTGGGCTCTTTCTGCCCTCTCGGATTACTTAAACAGAACTCCCAATGAG  
AAAGTGCTCAGTGCCTATCTGGATTACATGGAGGAACCTGGGGATGCTGCTGGTGGGCGGGCCCACTCCAACGAGG  
GAGCAGATGCAGCAGGTGCTGGAGTTGGAGATACAGCTGGCCAAACATCACAGTCCCCAGGACCAAGCGGCGGAC  
GAGGAGAAGATCTACCAAGATGAGCAATTTCTGGAGCTGCAGGCTCTGGCGCCCTCCATGGAAGTGGCTTGAGTTC  
CTGTCTTTCTTGTCTGTCACCACTGGAGTTGAGTGACTCTGAGCCTGTGGTGGTGTATGGGATGGATTATTTGAGC  
CAGGTCTCAGAGCTCATCAACCGCACCGAACCAAGCATCTGAAACAAATTACCTGATCTGGAACCTGGTGCAAAAG  
ACAACCTCAAGCCTGGACCGAGCTTTGAGTCTGCACAGAGAAGCTGCTGGAGACCCCTCTATGGCACTAAGAG  
TCCTGTGTGCCGAGGTGGCAGACCTGCACTCTCCAACAGGATGACGCGCTTGGCTTGTCTTGGGGTCACTCTTC  
GTGAAGGCCACGTTTTCACCGGCAAGCAAGAAATTCAGAGGGGATGATCAGCGAAATCCGGACCGCATTTGAG  
GAGGCCCTGGGACAGCTGGTTTGGATGGATGAGAAGACCCCGCAGGACCGAGGAGAAAGCAGATGCCATCTAT  
GATATGATTTGGTTTCCAGACCTTTATCTGGAGCCCAAGAGCTGGATGATGTTTATGACGGGTACGAAATTTCT  
GAAGATTCTTTCTTCCAAACATGTTGAATTTGTACAACCTTCTCTGCCAAGGTTATGGCTGACAGCTCCGCAAG  
CCTCCAGCCGAGACCAAGTGGAGCATGACCCCGAGACAGTGAATGCTACTACCTTCCAACCTAAGAAATGAGATC  
GTCTTCCCGCTGGGCATCTCGCAGGCCCTTCTATGCGCGCAACCAACCCCAAGGCCCTGAACTTCGTGGCATC  
GGTGTGGTCACTGGCCATGAGTTGACGCACTGCTTTGATGACCAAGGGCGGAGTATGACAAAGAGGGAAACCTG  
CGGCCCTGGTGGCAGAAATGAGTCCCTGGCAGCTTCCGGAAACCAACAGGCTGATGGAGGAAACAGTACAATCAA  
TACCAGGTCAATGGGAGAGGCTCAACGGCCGACAGCGCTGGGGGAGAACATTACTGACAAACGGGGGCTGAAG  
GCTGCCCTAACATGCTTACAAAGCATGGCTGAGAAAGCATGGGGAGGAGCAGCAACTGCCAGCCGTGGGGCTCACC  
AACCACCAGCTCTTCTCGTGGGATTGCCCCAGGTGGTGTCTCGGTCCGACACACAGAGAGCTCTCAGGAGGG  
CTGGTGACCGACCCCAAGCCCTGCCCGCTTCCGCGTGTGGGCATCTCTCCAACCTCCCGTACTTCTCTCGG  
CACTTCCGCTGCCCTGTGCGCTCCCCCATGAACCCAGGGCAGCTGTGTGAGGTTGGTGGAGCCTGGATCAGGGGA  
GAAATGGCCAGCTGTCAACAGACCTGGGGCAGCTCTCTGACAAAGCTGTTTGTCTTGGGTGGGAGGAGCA  
ATGCAAGCTGGGCTGGGTCTAGTCCCTCCCCCAAGGTGACATGATGATCAGACCTCTCAATCACCACATGT  
TGCTCTGCTTTGGGGGTGCCCTGCCCTCCAGCAGAGCCCAACCACTTCACTGTGACATCTTTCCGTGTCAACCT  
GCCTGGAAGAGTCTGGGTGGGAGGCGAGTCCCATAGGAAGAGTCTGGC

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